

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A.*

## C-A OPERATIONS PROCEDURES MANUAL

4.120.102.d NASA Science Research Foundation (NSRL)  
( Peer 27 ) Sweep Tests

### Attachment

C-A-OPM Procedures in which this Attachment is used.		
4.120.102		

### Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
_____	_____	_____	_____

Approved: Signature on File  
Collider-Accelerator Department Chairman                      Date                     

V. Castillo

## PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title: \_\_\_\_\_ Checksum: \_\_\_\_\_

Division B Software Filename and Checksum: Title: \_\_\_\_\_ Checksum: \_\_\_\_\_

### Initial testing complete:

Test Team Leader's Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_

Test Team Leader's Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

### Acceptance test procedure complete (following repairs and retesting if required):

Test Team Leader's Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_

Test Team Leader's Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

### Test results reviewed by:

Safety Section Head's Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_

Safety Section Head's Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

### Test results accepted by Radiation Safety Committee:

RSC Member's Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_

RSC Member's Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

1.1	To Sweep	Zone NSRL-Z1	
	CLOSE	Gates BGE1, BGI1	
<input type="checkbox"/>	VERIFY	Gates BGE1 <input type="checkbox"/> , BGI1 <input type="checkbox"/>	CLOSED
	PLACE	Peer 27 in Controlled Access (CA), Mode 16	
<input type="checkbox"/>	VERIFY	Peer 27 is in CA	MODE 16
	ACTIVATE	Check station 1CS1	
<input type="checkbox"/>	VERIFY	Check station 1CS1 indicator ( Area Secured )	BLINKS ONCE
	ACTIVATE	Check station 1CS2	
<input type="checkbox"/>	VERIFY	Check station 1CS2 indicator ( Area Secured )	BLINKS ONCE
	ACTIVATE	Check station 1CS3	
<input type="checkbox"/>	VERIFY	Check station 1CS3 indicator ( Area Secured )	BLINKS ONCE
	EXIT	Gate BGE1 with Simultaneous Release (SR)	
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z1	SWEPT
	PLACE	Peer 27 in CA, Mode 17	
<input type="checkbox"/>	VERIFY	Peer 27 remains in CA	MODE 16
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z1	SWEPT
	PLACE	Peer 27 in CA, Mode 18	
<input type="checkbox"/>	VERIFY	Peer 27 remains in CA	MODE 16
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z1	SWEPT
	PLACE	Peer 27 in Restricted Access (RA), Mode 8	
<input type="checkbox"/>	VERIFY	Peer 27 is in RA	MODE 8
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z1	SWEPT
	PLACE	Peer 27 in RA, Mode 9	
<input type="checkbox"/>	VERIFY	Peer 27 remains in RA	MODE 8
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z1	SWEPT
	PLACE	Peer 27 in RA, Mode 10	
<input type="checkbox"/>	VERIFY	Peer 27 remains in RA	MODE 8
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z1	SWEPT
	PLACE	Peer 27 in Safe Access (SA), Mode 2	
<input type="checkbox"/>	VERIFY	Peer 27 is in SA	MODE 2
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z1	SWEPT
<input type="checkbox"/>	Check for acceptance of To Sweep Zone NSRL-Z1		

1.2	Test SR entry holds Sweep and Illegal exit drops Sweep of Zone NSRL-Z1		
	PLACE	Peer 27 in CA, Mode 16	
<input type="checkbox"/>	VERIFY	Peer 27 is in CA	MODE 16
	ENTER	BGE1 with #20 Key and SR from MCR	
<input type="checkbox"/>	VERIFY	Peer 27 is in CA	MODE 16
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z1	SWEPT
	OPEN	Gate BGE1 without Simultaneous Release and Exit	
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z1	NOT SWEPT
<input type="checkbox"/>	VERIFY	Peer 27 is in CA	MODE 16
	CLOSE	Gate BGE1	
<input type="checkbox"/>	Check for acceptance of Test SR entry holds Sweep and Illegal exit drops Sweep of Zone NSRL-Z1		

1.3	<b>Test Attempt to Sweep Zone NSRL-Z1 with Gate open fail</b>		
	<b>CLOSE</b>	Gates <b>BGE1, BGI1</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Gates <b>BGE1</b> <input type="checkbox"/> , <b>BGI1</b> <input type="checkbox"/>	<b>CLOSED</b>
	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
	<input type="checkbox"/> <b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
	<b>OPEN</b>	Gate <b>BGE1</b> and <b>Hold open</b>	
	<b>ACTIVATE</b>	Check station <b>1CS1</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Check station <b>1CS1</b> does	<b>NOT BLINK</b>
	<b>CLOSE</b>	Gate <b>BGE1</b>	
	<b>ACTIVATE</b>	Check station <b>1CS1</b>	
<input type="checkbox"/>	<input type="checkbox"/> <b>VERIFY</b>	Check station <b>1CS1</b> indicator ( <b>Area Secured</b> )	<b>BLINKS ONCE</b>
	<b>Check for acceptance of Test Attempt to Sweep Zone NSRL-Z1 with Gate open fail</b>		
1.4	<b>To Sweep Zone NSRL-Z2</b>		
	<b>CLOSE</b>	Gates <b>BGE2, BGI1, BGI2</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Gates <b>BGE2</b> <input type="checkbox"/> , <b>BGI1</b> <input type="checkbox"/> , <b>BGI2</b> <input type="checkbox"/>	<b>CLOSED</b>
	<b>PLACE</b>	<b>Peer 27 in Controlled Access (CA), Mode 16</b>	
	<input type="checkbox"/> <b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
	<b>ACTIVATE</b>	Check station <b>2CS1</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Check station <b>2CS1</b> indicator ( <b>Area Secured</b> )	<b>BLINKS ONCE</b>
	<b>ACTIVATE</b>	Check station <b>2CS2</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Check station <b>2CS2</b> indicator ( <b>Area Secured</b> )	<b>BLINKS ONCE</b>
	<b>ACTIVATE</b>	Check station <b>2CS3</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Check station <b>2CS3</b> indicator ( <b>Area Secured</b> )	<b>BLINKS ONCE</b>
	<b>EXIT</b>	Gate <b>BGE2</b> with <b>Simultaneous Release (SR)</b>	
	<input type="checkbox"/> <b>VERIFY</b>	MCR sees Zone <b>NSRL-Z2</b>	<b>SWEPT</b>
	<b>PLACE</b>	<b>Peer 27 in CA, Mode 17</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Peer 27 <b>remains</b> in CA	<b>MODE 16</b>
	<input type="checkbox"/> <b>VERIFY</b>	MCR sees Zone <b>NSRL-Z2</b>	<b>SWEPT</b>
	<b>PLACE</b>	<b>Peer 27 in CA, Mode 18</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Peer 27 <b>remains</b> in CA	<b>MODE 16</b>
	<input type="checkbox"/> <b>VERIFY</b>	MCR sees Zone <b>NSRL-Z2</b>	<b>SWEPT</b>
	<b>PLACE</b>	<b>Peer 27 in Restricted Access (RA), Mode 8</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Peer 27 is in RA	<b>MODE 8</b>
	<input type="checkbox"/> <b>VERIFY</b>	MCR sees Zone <b>NSRL-Z2</b>	<b>SWEPT</b>
	<b>PLACE</b>	<b>Peer 27 in RA, Mode 9</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Peer 27 <b>remains</b> in RA	<b>MODE 8</b>
	<input type="checkbox"/> <b>VERIFY</b>	MCR sees Zone <b>NSRL-Z2</b>	<b>SWEPT</b>
	<b>PLACE</b>	<b>Peer 27 in RA, Mode 10</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Peer 27 <b>remains</b> in RA	<b>MODE 8</b>
	<input type="checkbox"/> <b>VERIFY</b>	MCR sees Zone <b>NSRL-Z2</b>	<b>SWEPT</b>
	<b>PLACE</b>	<b>Peer 27 in Safe Access (SA), Mode 2</b>	
	<input type="checkbox"/> <b>VERIFY</b>	Peer 27 is in SA	<b>MODE 2</b>
	<input type="checkbox"/> <b>VERIFY</b>	MCR sees Zone <b>NSRL-Z2</b>	<b>SWEPT</b>
	<b>Check for acceptance of To Sweep Zone NSRL-Z2</b>		

### 1.5 Test SR entry holds Sweep and Illegal exit drops Sweep of Zone NSRL-Z2

	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
	<b>ENTER</b>	<b>BGE2 with #20 Key and SR from MCR</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z2</b>	<b>SWEPT</b>
	<b>OPEN</b>	<b>Gate BGE2 without Simultaneous Release and Exit</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z2</b>	<b>NOT SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
	<b>CLOSE</b>	<b>Gate BGE2</b>	
<input type="checkbox"/>	<b>Check for acceptance of Test SR entry holds Sweep and Illegal exit drops Sweep of Zone NSRL-Z2</b>		

### 1.6 Test Attempt to Sweep Zone NSRL-Z2 with Gate open fail

	<b>CLOSE</b>	<b>Gates BGE2, BGI1, BGI2</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Gates BGE2 <input type="checkbox"/>, BGI1 <input type="checkbox"/>, BGI2 <input type="checkbox"/></b>	<b>CLOSED</b>
	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
	<b>OPEN</b>	<b>Gate BGE2 and Hold open</b>	
	<b>ACTIVATE</b>	<b>Check station 2CS1</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Check station 2CS1 does</b>	<b>NOT BLINK</b>
	<b>CLOSE</b>	<b>Gate BGE2</b>	
	<b>ACTIVATE</b>	<b>Check station 2CS1</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Check station 2CS1 indicator ( Area Secured )</b>	<b>BLINKS ONCE</b>
<input type="checkbox"/>	<b>Check for acceptance of Test Attempt to Sweep Zone NSRL-Z2 with Gate open fail</b>		

1.7	To Sweep	Zone NSRL-Z3	
	CLOSE	Gate BGI2	
<input type="checkbox"/>	VERIFY	Gate BGI2 <input type="checkbox"/>	CLOSED
	PLACE	Peer 27 in Controlled Access (CA), Mode 16	
<input type="checkbox"/>	VERIFY	Peer 27 is in CA	MODE 16
	ACTIVATE	Check station 3CS1	
<input type="checkbox"/>	VERIFY	Check station 3CS1 indicator ( Area Secured )	BLINKS ONCE
	ACTIVATE	Check station 3CS2	
<input type="checkbox"/>	VERIFY	Check station 3CS2 indicator ( Area Secured )	BLINKS ONCE
	EXIT	Gate BGI2 with Simultaneous Release (SR)	
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z3	SWEPT
	PLACE	Peer 27 in CA, Mode 17	
<input type="checkbox"/>	VERIFY	Peer 27 is in CA	MODE 17
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z3	SWEPT
	PLACE	Peer 27 in CA, Mode 18	
<input type="checkbox"/>	VERIFY	Peer 27 remains in CA	MODE 17
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z3	SWEPT
	PLACE	Peer 27 in Restricted Access (RA), Mode 8	
<input type="checkbox"/>	VERIFY	Peer 27 is in RA	MODE 8
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z3	SWEPT
	PLACE	Peer 27 in RA, Mode 9	
<input type="checkbox"/>	VERIFY	Peer 27 is in RA	MODE 9
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z3	SWEPT
	PLACE	Peer 27 in RA, Mode 10	
<input type="checkbox"/>	VERIFY	Peer 27 remains in RA	MODE 9
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z3	SWEPT
	PLACE	Peer 27 in Safe Access (SA), Mode 2	
<input type="checkbox"/>	VERIFY	Peer 27 is in SA	MODE 2
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z3	SWEPT
<input type="checkbox"/>	Check for acceptance of To Sweep Zone NSRL-Z3		

1.8	Test SR entry of BGI2 holds Sweep and Illegal exit drops Sweep of Zone NSRL-Z3		
	PLACE	Peer 27 in CA, Mode 16	
<input type="checkbox"/>	VERIFY	Peer 27 is in CA	MODE 16
	ENTER	BGI2 with #20 Key and SR from MCR	
<input type="checkbox"/>	VERIFY	Peer 27 is in CA	MODE 16
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z3	SWEPT
	OPEN	Gate BGI2 without Simultaneous Release and Exit	
<input type="checkbox"/>	VERIFY	MCR sees Zone NSRL-Z3	NOT SWEPT
<input type="checkbox"/>	VERIFY	Peer 27 is in CA	MODE 16
	CLOSE	Gate BGI2	

☐ Check for acceptance of Test SR entry holds Sweep and Illegal exit drops Sweep of Zone NSRL-Z3

## 1.9 Test Attempt to Sweep Zone NSRL-Z3 with Gate open fail

	<b>CLOSE</b>	Gates <b>BGE1, BGI1</b>	
<input type="checkbox"/>	<b>VERIFY</b>	Gates <b>BGE1</b> <input type="checkbox"/> , <b>BGI1</b> <input type="checkbox"/>	<b>CLOSED</b>
	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
	<b>OPEN</b>	Gate <b>BGE1</b> and <b>Hold open</b>	
	<b>ACTIVATE</b>	Check station <b>3CS1</b>	
<input type="checkbox"/>	<b>VERIFY</b>	Check station <b>3CS1</b> does	<b>NOT BLINK</b>
	<b>CLOSE</b>	Gate <b>BGE1</b>	
	<b>ACTIVATE</b>	Check station <b>3CS1</b>	
<input type="checkbox"/>	<b>VERIFY</b>	Check station <b>3CS1</b> indicator ( <b>Area Secured</b> )	<b>BLINKS ONCE</b>

☐ Check for acceptance of Test Attempt to Sweep Zone NSRL-Z3 with Gate open fail

## 1.10 Mode 18, Mode 10, Zone NSRL-Z2 and Zone NSRL-Z3

	<b>STATION</b>	<b>One personnel in Zone NSRL-Z2</b>	
	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
	<b>FORCE</b>	<b>Sweep of Zone NSRL-Z2 and Zone NSRL-Z3</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z2</b> <input type="checkbox"/> and <b>Zone NSRL-Z3</b> <input type="checkbox"/>	<b>SWEPT</b>
	<b>PLACE</b>	<b>Peer 27 in CA, Mode 18</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 18</b>
	<b>OPEN</b>	Gate <b>BGI1</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z2</b>	<b>NOT SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z3</b>	<b>SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 goes to Safe Access</b>	<b>MODE 2</b>
	<b>CLOSE</b>	Gate <b>BGI1</b>	
	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
	<b>FORCE</b>	<b>Sweep of Zone NSRL-Z2</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z2</b> <input type="checkbox"/> and <b>Zone NSRL-Z3</b> <input type="checkbox"/>	<b>SWEPT</b>
	<b>PLACE</b>	<b>Peer 27 in CA, Mode 10</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 10</b>
	<b>OPEN</b>	Gate <b>BGI1</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z2</b>	<b>NOT SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z3</b>	<b>SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 goes to Safe Access</b>	<b>MODE 2</b>
	<b>CLOSE</b>	Gate <b>BGI1</b>	
	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>

<input type="checkbox"/>	<b>FORCE</b>	<b>Sweep of Zone NSRL-Z2 and Zone NSRL-Z3</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z2 <input type="checkbox"/> and Zone NSRL-Z3 <input type="checkbox"/></b>	<b>SWEPT</b>
<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 27 in CA, Mode 18</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 18</b>
<input type="checkbox"/>	<b>OPEN</b>	<b>Gate BGE2</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z2</b>	<b>NOT SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z3</b>	<b>SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 goes to Safe Access</b>	<b>MODE 2</b>
	<b>CLOSE</b>	<b>Gate BGE2</b>	<b>CLOSE</b>
<input type="checkbox"/>	<b>STATION</b>	<b>One Personnel in Zone NSRL-Z3</b>	
<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
<input type="checkbox"/>	<b>FORCE</b>	<b>Sweep of Zone NSRL-Z2</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z2 <input type="checkbox"/> and Zone NSRL-Z3 <input type="checkbox"/></b>	<b>SWEPT</b>
<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 27 in CA, Mode 18</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 18</b>
<input type="checkbox"/>	<b>OPEN</b>	<b>Gate BGI2</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z2</b>	<b>NOT SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z3</b>	<b>NOT SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 goes to Safe Access</b>	<b>MODE 2</b>
	<b>CLOSE</b>	<b>Gate BGI2</b>	
<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
<input type="checkbox"/>	<b>Check for acceptance of Test: Mode 18, Mode 10, Zone NSRL-Z2 and Zone NSRL-Z3</b>		
1.11	<b>Mode 17, Mode 9, and Zone NSRL-Z3</b>		
	<b>STATION</b>	<b>One personnel in Zone NSRL-Z3</b>	
<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
<input type="checkbox"/>	<b>FORCE</b>	<b>Sweep of Zone NSRL-Z3</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z3</b>	<b>SWEPT</b>
<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 27 in CA, Mode 17</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 17</b>
<input type="checkbox"/>	<b>OPEN</b>	<b>Gate BGI2</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z3</b>	<b>NOT SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 goes to Safe Access</b>	<b>MODE 2</b>
	<b>CLOSE</b>	<b>Gate BGI2</b>	
<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
<input type="checkbox"/>	<b>FORCE</b>	<b>Sweep of Zone NSRL-Z3</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z3</b>	<b>SWEPT</b>



<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 27 in CA, Mode 9</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 9</b>
<input type="checkbox"/>	<b>OPEN</b>	<b>Gate BGI2</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z3</b>	<b>NOT SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 goes to Safe Access</b>	<b>MODE 2</b>
	<b>CLOSE</b>	<b>Gate BGI2</b>	
<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>
<input type="checkbox"/>	<b>FORCE</b>	<b>Sweep of Zone NSRL-Z3</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z3</b>	<b>SWEPT</b>
<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 27 in CA, Mode 17</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 17</b>
<input type="checkbox"/>	<b>OPEN</b>	<b>Gate BGE2</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Zone NSRL-Z3</b>	<b>SWEPT</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 remains in CA</b>	<b>MODE 17</b>
	<b>CLOSE</b>	<b>Gate BGE2</b>	
<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 27 in CA, Mode 16</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 27 is in CA</b>	<b>MODE 16</b>

☐ Check for acceptance of Test: Mode 17, Mode 9, Zone NSRL-Z3

#### END OF TEST PROCEDURE

TTL: Sign for completion of initial testing: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

TTL: Sign for completion of final testing: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_